

May 2016 ~ Central Agricultural Research Center ~ Moccasin, MT

Date	Air temp			Water temp			Evap (inch)	Wind (mph)	Precip (inch)	Snow Fall	Wheat GDU	Temp Obs. (°F)	High Gust	
	Max	Min	Mean	Max	Min	Mean								
1	50	26	38.0	50	37.4	43.7	0.12	3.3	0.01		9.0	41	17.39	
2	62	32	47.0	69.4	38.7	54.1	0.24	4.3			15.0	40	15.2	
3	68	38	53.0	74.3	39.4	56.9	0.27	3.8			21.0	45	13.44	
4	77	44	60.5	81.1	44.1	62.6	0.35	3.5			28.5	51	18.49	
5	82	46	64.0	80.2	47.8	64.0	0.38	4.6			32.0	52	20.39	
6	78	44	61.0				0.26	7.6			29.0	46	20.6	
7	58	36	47.0	55.4	43.9	49.7	0.1	1.5			15.0	44	23.45	
8	73	41	57.0	75.2	42.8	59.0	0.3	10.8			25.0	50	20.17	
9	80	39	59.5	80.6	44.2	62.4	0.34	7.1	0.02		27.5	39	35.22	
10	42	30	36.0	44.6	31.6	38.1	0.08	13.0	0.63	3	5.0	30	38.94	
11	36	30	33.0	38.1	32.2	35.2	0.22	12.0	0.22		2.0	33	25.65	
12	54	32	43.0	59.9	33.6	46.8	0.16	5.5			11.0	45	27.62	
13	52	45	48.5	40.8	39.2	40.0	0.05	0.2	0.05		16.5	50	14.47	
14	65	32	48.5	69.1	37.6	53.4	0.23	7.1			16.5	35	19.22	
15	57	30	43.5	66.6	41	53.8	0.49	8.2	T		12.1	47	26.82	
16	60	39	49.5	64.4	43.9	54.2	0.22	3.7			17.5	43	23.67	
17	66	34	50.0	72.7	41.2	57.0	0.35	6.5			18.0	45	28.35	
18	71	44	57.5	73.4	41.5	57.5	0.4	9.3			25.5	51	16.51	
19	73	45	59.0	75.6	46.8	61.2	0.23	4.1	0.16		27.0	51	36.97	
20	73	43	58.0	75.9	48.6	62.3	0.33	4.3	0.68		26.0	48	19.8	
21	54	42	48.0	57.2	47.7	52.5	0.28	4.1	0.18		16.0	42	20.09	
22	51	36	43.5	51.8	40.8	46.3	0.21	5.0	0.36		11.50	49	32.73	
23	60	43	51.5	64.8	40.8	52.8	0.12	8.3	T		19.50	44	30.69	
24	55	37	46.0	54.3	42.1	48.2	0.12	10.6	0.01		14.00	39	18.27	
25	56	35	45.5	64.6	42.3	53.5	0.12	4.2	0.08		13.5	45	29.67	
26	66	42	54.0	72.1	43.5	57.8	0.19	4.5	T		22.0	47	24.4	
27	65	39	52.0	70.3	45.7	58.0	0.17	6.3			20.0	53	30.4	
28	63	42	52.5	70.7	48.2	59.5	0.22	4.0	1.03		20.5	47	21.41	
29	64	35	49.5	71.2	43.9	57.6	0.22	5.2	0.02		17.5	52	24.84	
30	71	45	58.0	76.6	45.1	60.9	1.24	4.5	1		26.0	53	32.37	
31	57	38	47.5	66.2	41.7	54.0	0.28	9.1	0.09		15.5	41	27.33	
Mean	62.5	38.2	50.4	65.6	41.9	53.7	0.27	6.0	0.3		3.0	45.1	24.3	
TOTAL								7.12	186.33	4.54	3.0	575.1		

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Date	4 inch Sod			4inch Bare			8 inch Bare			20 inch Bare
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Mean
1	50	48	49.0	50	43	46.5	47	46	46.5	45
2	56	47	51.5	59	43	51.0	51	46	48.5	45
3	59	52	55.5	62	47	54.5	59	50	54.5	46
4	63	55	59.0	67	50	58.5	58	53	55.5	47
5	64	56	60.0	68	50	59.0	59	55	57.0	49
6	63	59	61.0	67	57	62.0	60	58	59.0	50
7	61	58	59.5	59	53	56.0	60	55	57.5	50
8	61	58	59.5	67	53	60.0	60	55	57.5	51
9	65	60	62.5	70	56	63.0	60	56	58.0	51
10	62	53	57.5	58	45	51.5	60	50	55.0	51
11	53	49	51.0	46	41	43.5	52	46	49.0	50
12	50	47	48.5	45	40	42.5	47	44	45.5	48
13	50	49	49.5	42	41	41.5	46	45	45.5	48
14	57	48	52.5	57	41	49.0	50	45	47.5	47
15	58	52	55.0	62	45	53.5	54	50	52.0	48
16	57	52	54.5	60	49	54.5	54	51	52.5	48
17	59	54	56.5	66	51	58.5	58	53	55.5	49
18	61	56	58.5	66	53	59.5	59	55	57.0	50
19	61	57	59.0	66	54	60.0	59	56	57.5	50
20	64	59	61.5	67	54	60.5	59	57	58.0	51
21	57	57	57.0	57	53	55.0	55	55	55.0	51
22	57	54	55.5	53	47	50.0	56	51	53.5	51
23	57	53	55.0	55	47	51.0	53	51	52.0	51
24	54	53	53.5	53	47	50.0	53	51	52.0	50
25	58	52	55.0	59	47	53.0	54	50	52.0	50
26	60	53	56.5	63	47	55.0	56	50	53.0	50
27	61	59	60.0	65	51	58.0	58	54	56.0	51
28	60	56	58.0	64	51	57.5	58	55	56.5	51
29	62	57	59.5	63	50	56.5	58	55	56.5	51
30	65	57	61.0	70	50	60.0	61	54	57.5	52
31	62	58	60.0	61	50	55.5	58	55	56.5	52
Mean	58.9	54.1	56.5	60.2	48.6	54.4	55.9	51.8	53.9	49.5